

REMARKS/ARGUMENTS

Favorable reconsideration of this application, as presently amended and in light of the following discussion, is respectfully requested.

Claims 1-6, 9, 10 and 16-25 are pending in the application. Claims 1, 5-6 and 9-10 are amended by the present amendment. Support for the amended claims can be found in the original specification, claims and drawings.¹ No new matter is presented.

In the outstanding Official Action, Claims 1-6, 9 and 10 were rejected under 35 U.S.C. § 103(a) as unpatentable over U.S. Patent No. 6,411,771 to Aotake and further in view of U.S. Patent No. 6,714,722 to Tsukidate; and Claims 16-25 were indicated as allowed. Applicants appreciatively acknowledge the indication of allowable subject matter.

Regarding the rejection of Claims 1-6, 9 and 10 under 35 U.S.C. § 103, Applicants respectfully submit that amended independent Claims 1, 5, 6, 9 and 10 recite novel features clearly not taught or rendered obvious by the applied references.

Amended independent Claim 1 relates to an information processing apparatus with a first user interface configured to receive instructions to schedule recording of a moving picture corresponding to a received television broadcast signal. The information processing apparatus then records (in a first recording means) a moving picture in at least one recording increment, and also records (in a second recording means) a still picture corresponding to a predetermined one of the recording increments of the moving picture. The information processing apparatus also includes the user interface configured to receive a user instruction to modify the moving picture recorded in the first recording means.

Further, independent Claim 1 is amended to recite, in part, that the information processing apparatus comprises:

¹ e.g., specification, p. 59 and Figs. 23-24.

a first user interface configured to receive instructions to schedule recording of a moving picture corresponding to a received television broadcast signal at a future date ...

wherein *the first user interface is configured to display a quantity of data recorded in at least the first recording means, and an indication of approximate available recording times for each of a plurality of recording modes.*

Independent Claims 5-6 and 9-10, while directed to alternative embodiments, are amended to recite substantially similar features. Accordingly, the remarks presented below are applicable to each of independent Claims 1, 5-6 and 9-10.

As described in an exemplary embodiment at p. 59 and Fig. 23-24 of the specification, the first interface displays a recording time display window (202) that displays the status of data recordings in the memory (i.e., quantity of already recorded data and a recordable quantity of data) and indications of approximate recordable times in various recording modes (recordable quantity of data in the memories, and a recordable time period computed from the quantity of picture data that are recordable per unit time in each of the different recording modes).

The outstanding Official Action admits that Aotake is “silent on the means used by the apparatus for selecting a scheduled moving picture broadcast for recording at a later date.” In an attempt to remedy this deficiency, the outstanding Official Action relies on Tsukidate and states that it would have been obvious to one of ordinary skill in the art at the time the invention to combine the references to arrive at Applicants’ claims. Applicants, however, respectfully submit that Tsukidate fails to teach or suggest the above emphasized features recited in amended independent Claim 1 directed to the “first user interface.”

As pointed out in the outstanding Official Action, col. 1, lines 54-58 of Tsukidate states “including, in the displayed program guide, program information on programs relating to each of the recorded programs thereby to permit the user to program the recorder to record a selected one of the related program.” Thus, Tsukidate appears to describe the use of a

displayed program guide allowing a user to record a selected program at a later date. The outstanding Official Action then reasons that “a user interface to receive instructions to schedule recording of a moving picture corresponding to a received television broadcast signal at a future date is well known, widely used, and commercially available, providing the user with a means of automatically recording a selected program at the time it is broadcast without the user being present to initiate the recording at that time.”²

However, independent Claim 1 is amended to further specify that the first user interface configured to receive instructions to schedule recording of a moving picture corresponding to a received television broadcast signal at a future date is further configured to “*display a quantity of data recorded in at least the first recording means, and an indication of approximate available recording times for each of a plurality of recording modes.*” As discussed above, such a recording time display window (202) allows a user to view a maximum recording time for each of a standard, high image quality and video CD mode and graphically indicates the disk use status by way of a pie chart style icon.

In contrast, Tsukidate, appears to allude geographical user interface that may allow the user to record a broadcast at a later time, but fails to teach or suggest the capability of displaying details regarding the recording time with respect to various modes of the available memory space, as recited in amended independent Claim 1. Further, adding such a display would not have been obvious to one of ordinary skill in the art at the time of the invention because neither Aotake nor Tsukidate are concerned with the available memory storage space nor do they teach or suggest recording data in each of a plurality of recording modes and displaying available recording speeds in the context of these modes, as recited in amended independent Claim 1.

² Outstanding Official Action, p. 4.

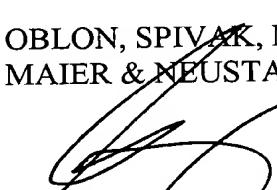
Therefore, Aotake and Tsukidate, neither alone nor in combination, teach or suggest a user interface configured to receive instructions to schedule recording of a moving picture corresponding to a received television broadcast signal at a future date which is configured to “*display a quantity of data recorded in at least the first recording means, and an indication of approximate available recording times for each of a plurality of recording modes,*” as recited in amended independent Claim 1.

Accordingly, Applicants respectfully request that the rejection of Claim 1, as well as dependent Claims 2-4, under 35 U.S.C. § 103 be withdrawn. For substantially the same reasons as given with respect to amended independent Claim 1, it is also submitted that amended independent Claims 5-6 and 9-10 patentably define over Aotake and/or Tsukidate.

Consequently, in view of the present amendment and in light of the foregoing comments, it is respectfully submitted that the invention defined by Claims 1-6, 9-10 and 16-25 is patentably distinguishing over the applied references. The present application is therefore believed to be in condition for formal allowance and an early and favorable reconsideration of the application is therefore requested.

Respectfully submitted,

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